

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076857.D
 Acq On : 06 Mar 2023 18:51
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

Quant Time: Mar 07 01:53:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:38:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	574357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1018033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	909595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	405778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	373204	46.346	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.700%		
35) Dibromofluoromethane	8.172	113	290604	45.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.260%		
50) Toluene-d8	10.572	98	1168773	47.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.260%		
62) 4-Bromofluorobenzene	12.854	95	417885	49.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	315645	47.229	ug/l	100
3) Chloromethane	2.378	50	396704	45.130	ug/l	97
4) Vinyl Chloride	2.531	62	378042	46.920	ug/l	97
5) Bromomethane	2.954	94	232014	43.824	ug/l	98
6) Chloroethane	3.131	64	229191	48.498	ug/l	98
7) Trichlorofluoromethane	3.513	101	555745	47.274	ug/l	96
8) Diethyl Ether	3.972	74	228653	50.563	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.390	101	317092	46.132	ug/l	98
10) Methyl Iodide	4.601	142	396771	55.344	ug/l	99
11) Tert butyl alcohol	5.537	59	283785	237.321	ug/l	100
12) 1,1-Dichloroethene	4.354	96	307676	48.003	ug/l	89
13) Acrolein	4.195	56	369675	238.972	ug/l	100
14) Allyl chloride	5.037	41	521880	48.770	ug/l #	79
15) Acrylonitrile	5.731	53	937343	243.742	ug/l	99
16) Acetone	4.437	43	785232	223.393	ug/l	95
17) Carbon Disulfide	4.725	76	835048	47.990	ug/l	97
18) Methyl Acetate	5.037	43	569809	47.308	ug/l #	84
19) Methyl tert-butyl Ether	5.807	73	1077120	49.007	ug/l	95
20) Methylene Chloride	5.290	84	368925	44.985	ug/l #	85
21) trans-1,2-Dichloroethene	5.795	96	332635	47.998	ug/l	85
22) Diisopropyl ether	6.684	45	1192595	49.538	ug/l #	91
23) Vinyl Acetate	6.613	43	3926775	256.072	ug/l #	90
24) 1,1-Dichloroethane	6.578	63	652364	47.520	ug/l	97
25) 2-Butanone	7.489	43	1243689	242.214	ug/l #	85
26) 2,2-Dichloropropane	7.495	77	495102	49.246	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	391923	48.275	ug/l	88
28) Bromochloromethane	7.819	49	266773	45.954	ug/l #	77
29) Tetrahydrofuran	7.842	42	826125	249.406	ug/l #	78
30) Chloroform	7.972	83	646577	47.421	ug/l	97
31) Cyclohexane	8.266	56	616013	45.284	ug/l	85
32) 1,1,1-Trichloroethane	8.178	97	570229	48.295	ug/l	96
36) 1,1-Dichloropropene	8.378	75	493886	48.251	ug/l	96
37) Ethyl Acetate	7.566	43	502322	47.811	ug/l #	91
38) Carbon Tetrachloride	8.366	117	487029	46.837	ug/l	98
39) Methylcyclohexane	9.607	83	623401	49.411	ug/l #	87
40) Benzene	8.613	78	1472847	47.237	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	282310	49.205	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	513720	47.297	ug/l	95
43) Isopropyl Acetate	8.695	43	801139	49.809	ug/l #	89
44) Trichloroethene	9.360	130	352657	47.702	ug/l	99
45) 1,2-Dichloropropane	9.625	63	388261	48.186	ug/l	98
46) Dibromomethane	9.713	93	239911	46.879	ug/l	97
47) Bromodichloromethane	9.889	83	514905	48.941	ug/l	97
48) Methyl methacrylate	9.683	41	402844	51.543	ug/l #	76
49) 1,4-Dioxane	9.701	88	135425	945.356	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	2564325	252.757	ug/l	90
52) Toluene	10.630	92	922377	49.681	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	528967	51.868	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	590277	50.390	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	352012	47.663	ug/l	97
56) Ethyl methacrylate	10.877	69	574589	52.216	ug/l #	82
57) 1,3-Dichloropropane	11.166	76	622539	48.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	987822	259.082	ug/l	92
59) 2-Hexanone	11.195	43	1847806	251.348	ug/l	89
60) Dibromochloromethane	11.360	129	368597	50.647	ug/l	97
61) 1,2-Dibromoethane	11.471	107	347008	48.884	ug/l	100
64) Tetrachloroethene	11.107	164	328683	48.557	ug/l	99
65) Chlorobenzene	11.895	112	925342	47.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	338004	47.534	ug/l	99
67) Ethyl Benzene	11.966	91	1780573	49.886	ug/l	98
68) m/p-Xylenes	12.077	106	1330852	99.104	ug/l	93
69) o-Xylene	12.401	106	659894	49.900	ug/l	89
70) Styrene	12.413	104	1080134	52.096	ug/l	96
71) Bromoform	12.583	173	246527	50.934	ug/l #	98
73) Isopropylbenzene	12.701	105	1727827	48.849	ug/l	96
74) N-amyl acetate	12.495	43	686134	49.600	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.942	83	499063	44.026	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	462873m	45.296	ug/l	
77) Bromobenzene	12.983	156	368566	47.089	ug/l	87
78) n-propylbenzene	13.036	91	2026427	50.239	ug/l	96
79) 2-Chlorotoluene	13.130	91	1219848	47.145	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	1472189	49.661	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	153309	49.407	ug/l	87
82) 4-Chlorotoluene	13.224	91	1186752	48.380	ug/l	92
83) tert-Butylbenzene	13.442	119	1235589	48.775	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	1466832	50.162	ug/l	94
85) sec-Butylbenzene	13.618	105	1799624	50.882	ug/l	97
86) p-Isopropyltoluene	13.730	119	1461039	51.646	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	691801	48.406	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	679338	46.814	ug/l	98
89) n-Butylbenzene	14.060	91	1273503	52.108	ug/l	98
90) Hexachloroethane	14.336	117	252176	49.338	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	674879	46.618	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	103269	48.078	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	378249	52.227	ug/l	98
94) Hexachlorobutadiene	15.507	225	177861	47.166	ug/l	99
95) Naphthalene	15.642	128	1281654	55.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	374483	52.608	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

